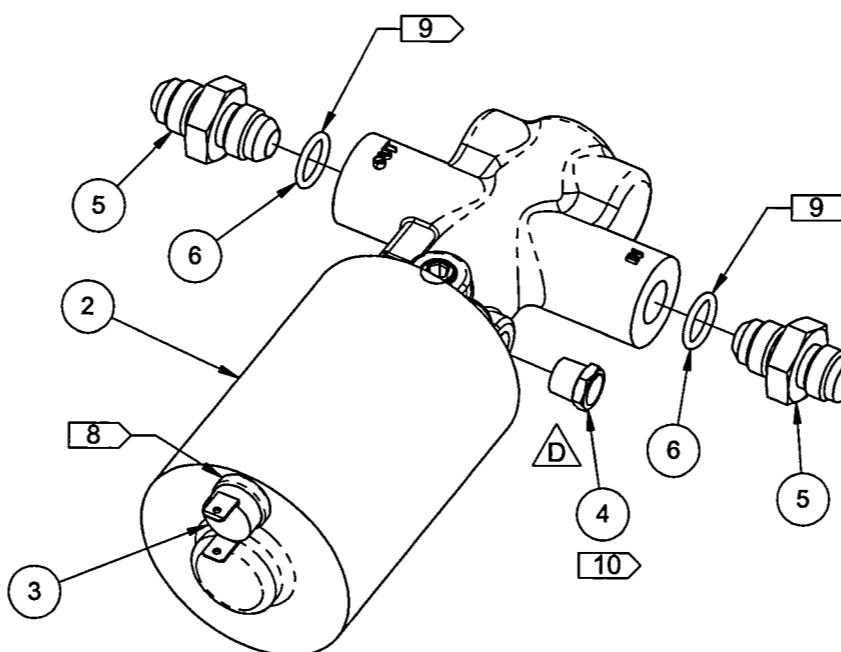


ITEM NO.	QTY. -041	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X	D4022-041	FUEL TRANSFER PUMP ASSEMBLY	A8150-B1-JCA
2	1	D4022-1	FUEL TRANSFER PUMP	
3	1	D4022-5	THERMAL SWITCH	
4	1	D5540-1	BREATHER VENT	
5	2	AN815-6D	FITTING, UNION	
6	2	MS29512-06	O RING	

D

D



D4022-041 FUEL TRANSFER PUMP ASSEMBLY

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 7) WEIGHT: 2.61 lbs
 8) ATTACH D4022-5 THERMAL SWITCH TO D4022-1 FUEL PUMP IN LOCATION SHOWN USING METALSET A4
 9) LUBRICATE O-RING WITH ULTRACHEM ASSEMBLY FLUID #1, FUEL-LUBE, MOLYKOTE 55 O-RING GREASE OR EQUIVALENT
 10) REMOVE AND DISCARD RED BLANKING PLUG AND INSTALL D5540-1 BREATHER VENT IN LINE WITH D4022-1 "IN" PORT, TORQUE TO 2.5 IN-LBS.
 RELOCATION OF SET SCREW MAY BE REQUIRED, TORQUE TO 2.5 IN-LBS.



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ECN 17-687

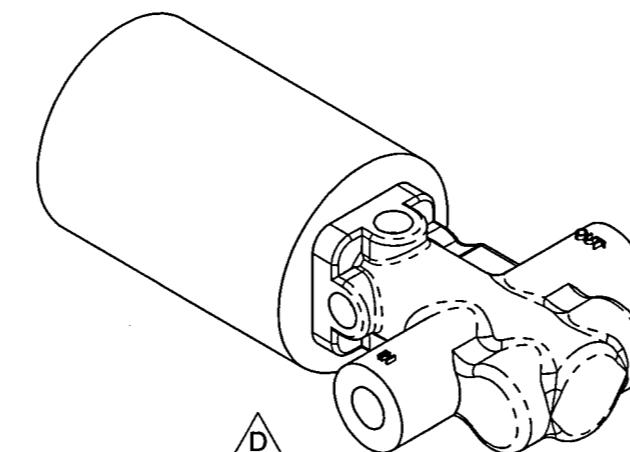
APPROVED

D	REVISED IMAGE OF D4022-X FUEL PUMP, ADDED D5540-1 BREATHER VENT REF PAR16-548	WK	17.06.13
C	CORRECTED TYPO: AN815-6D WAS AN818-6D, ZN D7-1. CORRECTED SPELLING OF "AEROSPARES", ZN B5-3.	DC	12.02.09
B	CORRECTED SPELLING OF "AEROSPARES". REF CAR 11-50.	DC	11.09.28
A	NEW ISSUE	HS	10.04.16
REV.	DESCRIPTION		
DESIGN	WK	DART AEROSPACE LTD	
DRAWN	WK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	VS	DRAWING NO.	
MFG. APPR.	DD	REV. D D4022 SHEET 1 OF 4	
APPROVED	HS	TITLE	
DE APPR.	DS	SCALE NTS FUEL PUMP	
DATE	17.06.13	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DART AEROSPACE
PART NUMBERJOHN CAMERON AVIATION
PART NUMBER

D4022-1

REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING

DART PART NUMBER	SUPPLIER	SUPPLIER PART NUMBER	OPERATING VOLTAGE	FLOW (GPH)	OUTPUT PRESSURE (PSI)	TEMPERATURE RANGE
D4022-1	WELDON	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F
	AEROSPARES ACCESSORIES	A8150-B1	24 VDC	35 - 50	5 - 25	-65°F TO +185°F

D4022-X FUEL TRANSFER PUMP

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 2.6 lbs

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2017-10-06

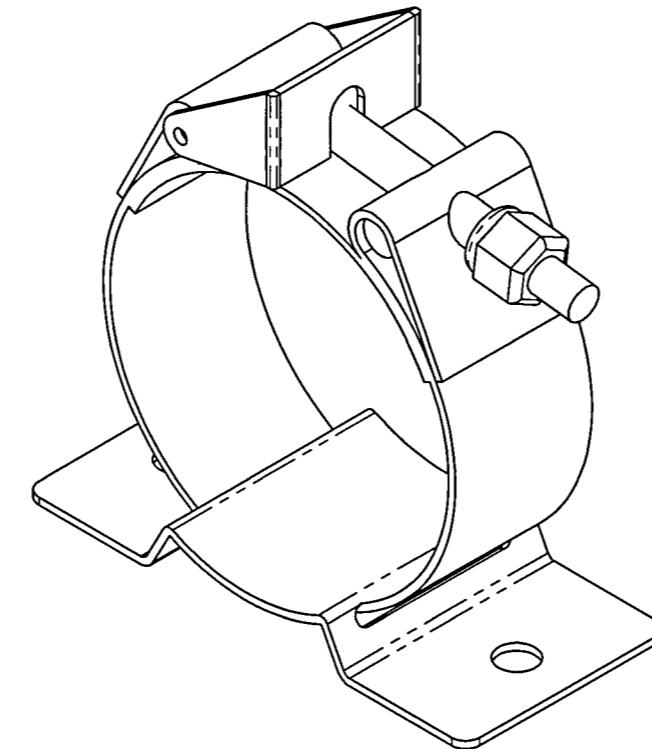
APPROVED

DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	WK	
CHECKED	VS	DRAWING NO.
MFG. APPR.	DD	D4022
APPROVED	HS	REV. D
DE APPR.	DS	SHEET 2 OF 4
DATE	17.06.13	TITLE SCALE NTS FUEL PUMP
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8 7 6 5 4 3 2 1

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-3	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	FITS MOTOR SIZE (ϕ)
D4022-3	WELDON	TC 250-100	STAINLESS STEEL	2.5
	AIRCRAFT SPRUCE AND SPECIALTY	05-00021	STAINLESS STEEL	2.5
	AEROSPARES ACCESSORIES	TC 250-100	STAINLESS STEEL	2.5

D4022-X FUEL PUMP MOUNTING BRACKET

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.33 lbs

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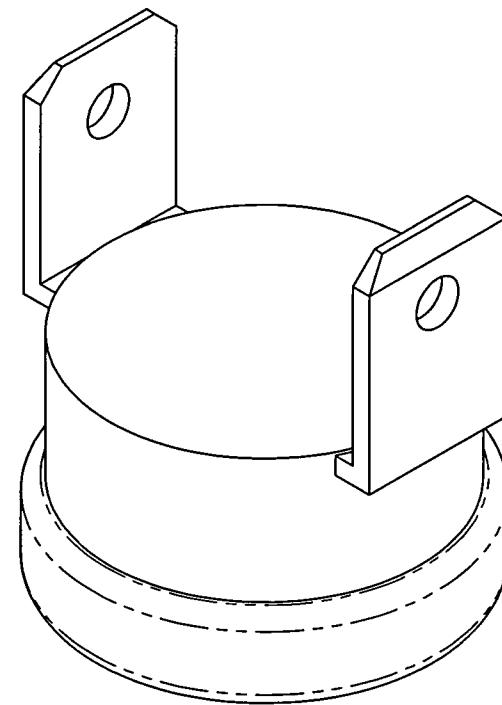
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DRAWING NO. D4022 REV. D SHEET 3 OF 4
DRAWN	WK	
CHECKED	VS	
MFG. APPR.	DD	
APPROVED	HS	
DE APPR.	DS	
DATE	17.06.13	

TITLE
FUEL PUMP
SCALE
NTS

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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4022-5	REF JCA/M47/D3/SHT 13

SPECIFICATION CONTROL DRAWING



DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	ALTERNATE PART NUMBER	TEMPERATURE WHEN SWITCH OPENS
D4022-5	FARNELL	1006847	3775628	125°F
	HONEST-WELL	T23A125BSR2-15	3775628	125°F
	NEWARK	98K1992	3775628	125°F

D4022-X THERMAL SWITCH

NOTES:
 1) MATERIAL: N/A
 2) FINISH: N/A
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 6) IDENTIFICATION: N/A
 7) WEIGHT: N/A

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2017-10-06

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DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
DRAWN	WK	
CHECKED	VS	DRAWING NO. D4022
MFG. APPR.	DD	REV. D SHEET 4 OF 4
APPROVED	HS	TITLE FUEL PUMP
DE APPR.	DS	SCALE NTS
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